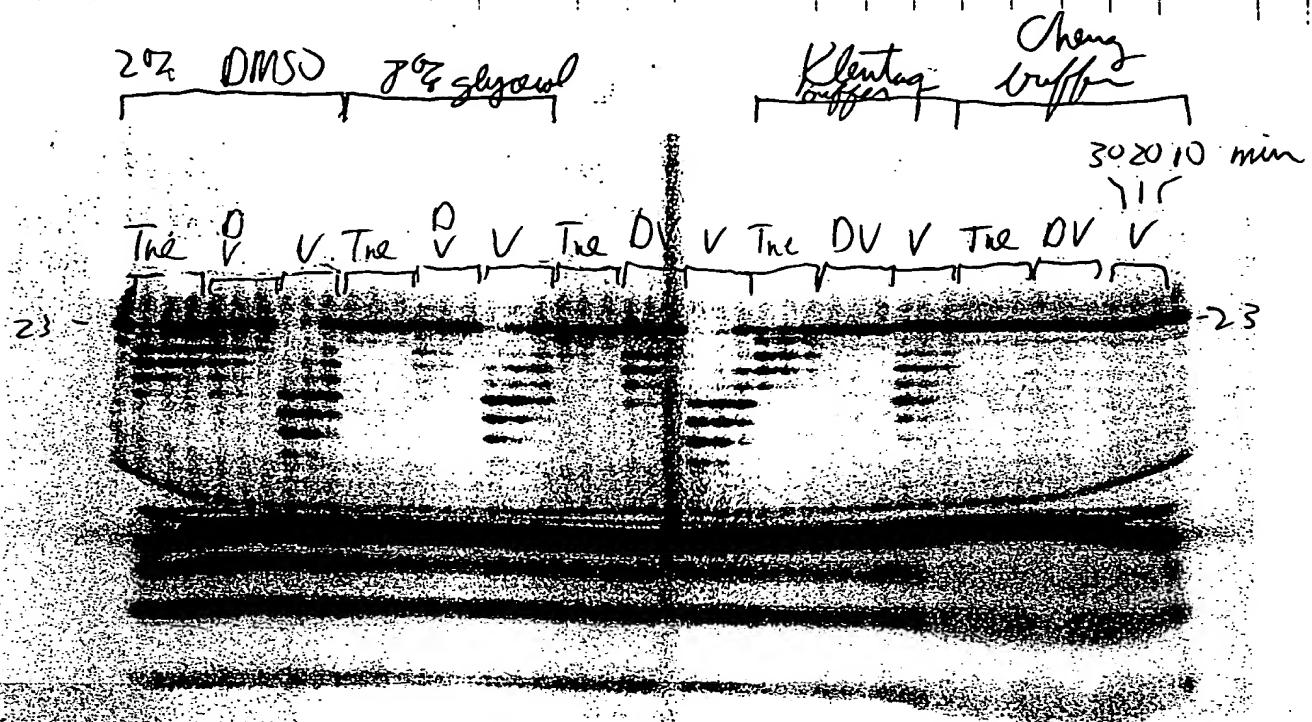


From Page No. _____



Result.

To Page _____

Witnessed & Understood by me,

Deborah Polkay

Date

11/19/94

Invented by

Recorded by

Date

11/5/94

Project No. _____

Book No. _____

TITLE _____

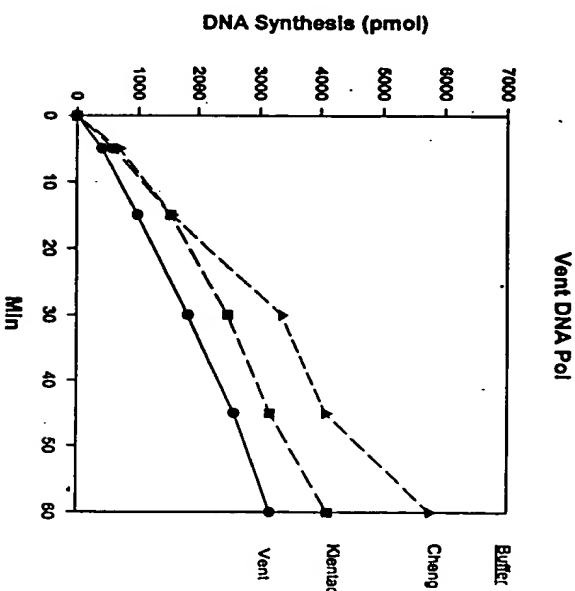
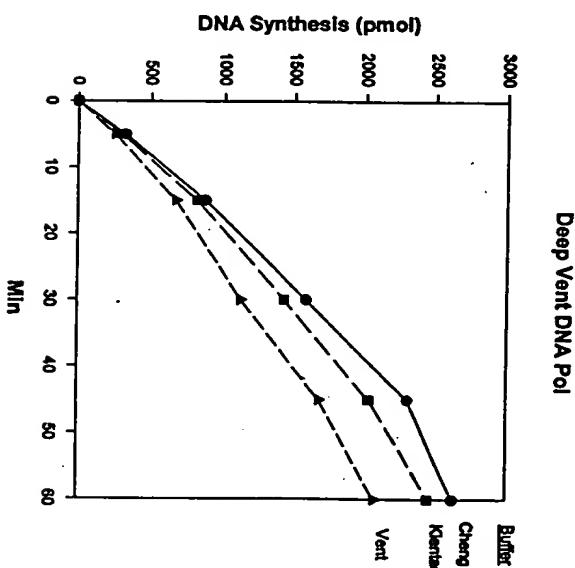
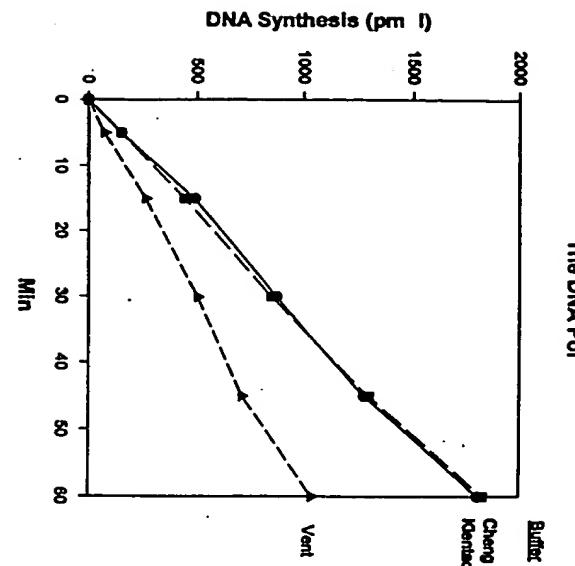
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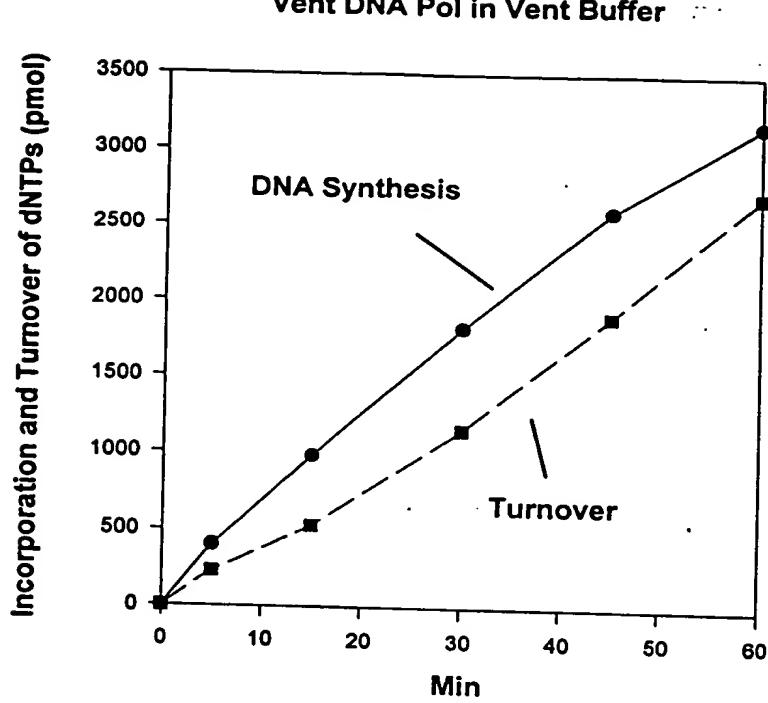
		Chen buffer	Kleintag buffer	Ventz
	20 mM	50 mM	20 mM	20 mM
Titrant pH 8.7	20 mM	50 mM	20 mM	20 mM
Triton - HCl pH	9.1	—	—	—
P.P	—	—	—	—
K Cl	—	—	—	10
K DAc	—	—	—	—
titration	—	—	—	—
DMSO	2 %	1.02	1.02	2
MgSO ₄	—	—	—	—
Mg(OAc) ₂	—	—	—	—
Tween 20/NP40	—	—	—	—
glycerol	—	—	—	—
cone Stearyl	—	—	—	—
vent	—	—	—	—
Deep vent	—	—	—	—
True	—	—	—	—
	(+ fm DMSO)	(+ fm DMSO)	(+ fm DMSO)	(+ fm DMSO)
Witnessed & Understood by me,	Date 11/19/94	Invent'd by <i>R. J. K.</i>	Recorded by <i>R. J. K.</i>	Date 11/5/94

In such case, DNA synthesis is lower in
Primer degradation was highest in Vent

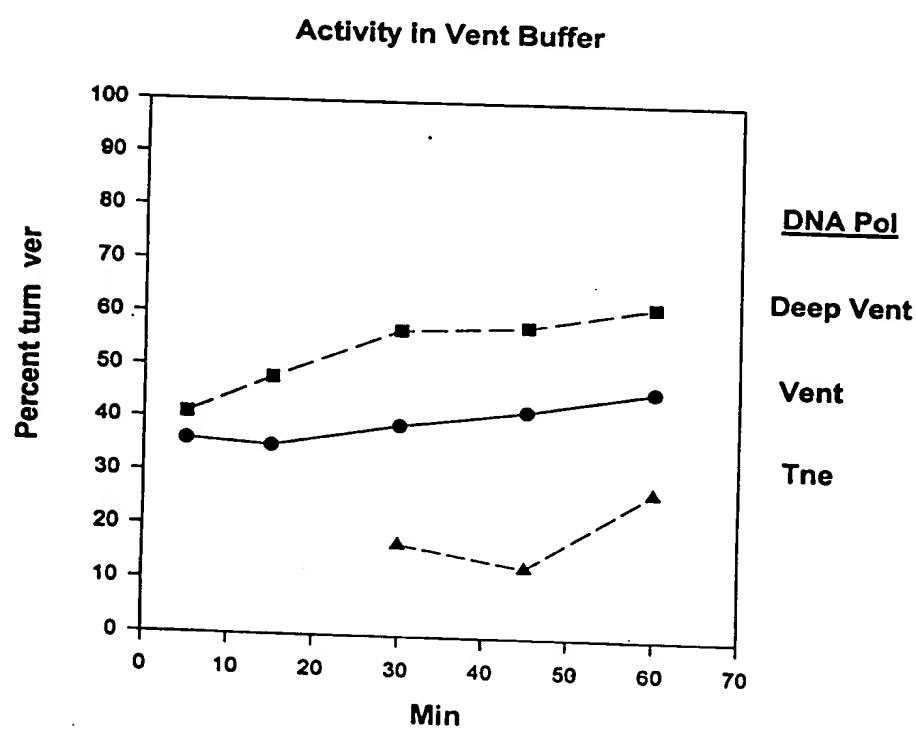
got turnover
by DNA synthesis

↓ below



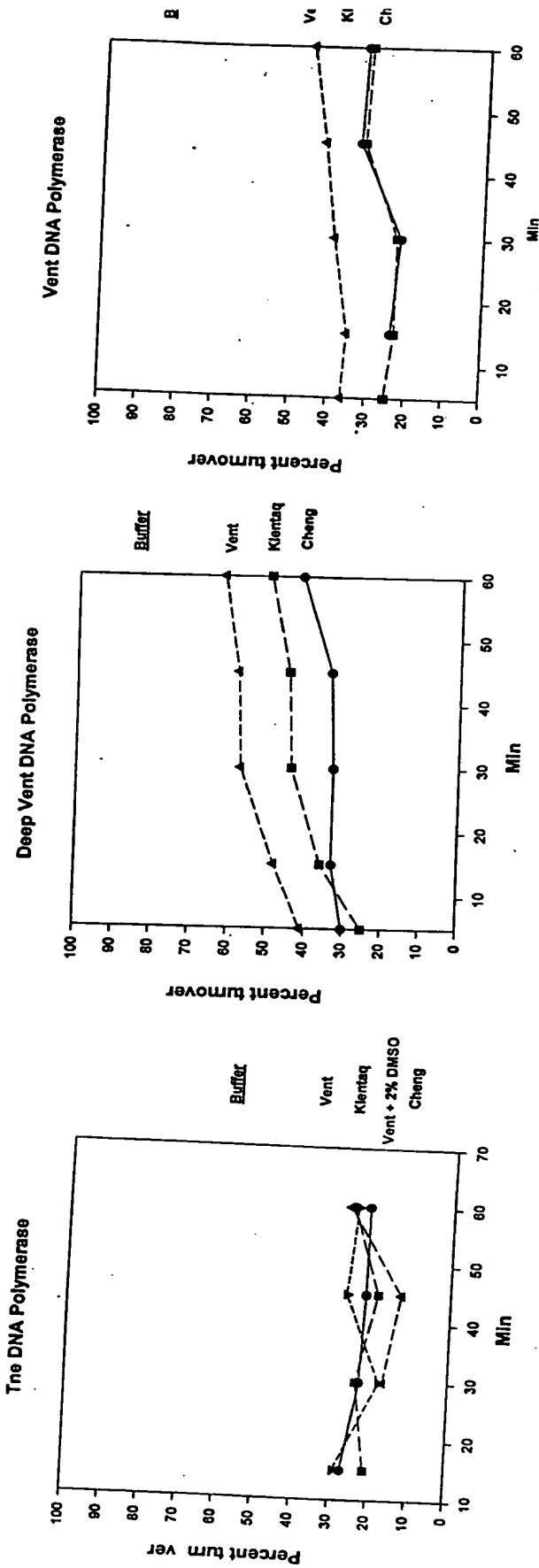


DNA synthesis
and turnover
to dNTP



Percent turnover
turnover
incorporation + turnover

Deep Vent has
higher turnover
than Vent as
expected. Tne
is ~2x lower
than Vent and
Deep Vent



Effect of buffer on turnover is not large compared to effect on primer degradation

Witnessed & Understood by me,
Deborah Polkup

Date
11/29/94

Initialed by
Recorded by

Date
11-5-97